

| FEE TRANSMITTAL<br>for FY 2001              |      | Complete if Known    |                     |              |
|---|------|----------------------|---------------------|--------------|
|   |      | Application Number   |                     |              |
| Patent fees are subject to annual revision. |      | Filing Date          | August 29, 2001     |              |
|   |      | First Named Inventor | Hitoshi KUNO et al  |              |
|   |      | Examiner Name        |                     |              |
|   |      | Group / Art Unit     |                     |              |
| TOTAL AMOUNT OF PAYMENT                     | (\$) | 710                  | Attorney Docket No. | 4041J-000406 |

| METHOD OF PAYMENT (check one)  |                                  | FEE CALCULATION (continued)       |                            |
|--|----------------------------------|-----------------------------------|----------------------------|
| 1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:                        |                                  | 3. ADDITIONAL FEES                |                            |
| Deposit Account Number   | 08-0750                          | Large Entity Fee Code (\$)        | Small Entity Fee Code (\$) |
| Deposit Account Name   | Harness, Dickey & Pierce, P.L.C. | 105 130                           | 205 65                     |
| <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  |                                  | 127 50                            | 227 25                     |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27   |                                  | 139 130                           | 139 130                    |
| 2. <input checked="" type="checkbox"/> Payment Enclosed:   |                                  | 147 2,520                         | 147 2,520                  |
| <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other |                                  | 112 920*                          | 112 920*                   |
|  |                                  | 113 1,840*                        | 113 1,840*                 |
|  |                                  | 115 110                           | 215 55                     |
|  |                                  | 116 390                           | 216 195                    |
|  |                                  | 117 890                           | 217 445                    |
|  |                                  | 118 1,390                         | 218 695                    |
|  |                                  | 128 1,890                         | 228 945                    |
|  |                                  | 119 310                           | 219 155                    |
|  |                                  | 120 310                           | 220 155                    |
|  |                                  | 121 270                           | 221 135                    |
|  |                                  | 138 1,510                         | 138 1,510                  |
|  |                                  | 140 110                           | 240 55                     |
|  |                                  | 141 1,240                         | 241 620                    |
|  |                                  | 142 1,240                         | 242 620                    |
|  |                                  | 143 440                           | 243 220                    |
|  |                                  | 144 600                           | 244 300                    |
|  |                                  | 122 130                           | 122 130                    |
|  |                                  | 123 130                           | 123 130                    |
|  |                                  | 126 180                           | 126 180                    |
|  |                                  | 581 40                            | 581 40                     |
|  |                                  | 146 710                           | 246 355                    |
|  |                                  | 149 710                           | 249 355                    |
|  |                                  | 179 710                           | 279 355                    |
|  |                                  | 169 900                           | 169 900                    |
|  |                                  | Other fee (specify)               |                            |
|  |                                  | *Reduced by Basic Filing Fee Paid |                            |
|  |                                  | SUBTOTAL (3) (\$)                 |                            |
|  |                                  | 0                                 |                            |

| FEE CALCULATION            |                            |
|----------------------------|----------------------------|
| 1. BASIC FILING FEE        |                            |
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) |
| 101 710                    | 201 355                    |
| 106 320                    | 206 160                    |
| 107 490                    | 207 245                    |
| 108 710                    | 208 355                    |
| 114 150                    | 214 75                     |
| SUBTOTAL (1) (\$)          |                            |
| 710                        |                            |
| 2. EXTRA CLAIM FEES        |                            |
| Total Claims               | 16                         |
| Independent Claims         | 3                          |
| Multiple Dependent         |                            |
| SUBTOTAL (2) (\$)          |                            |
| 0                          |                            |

| SUBMITTED BY      |                       | Complete (if applicable)        |                 |
|-------------------|-----------------------|---------------------------------|-----------------|
| Name (Print/Type) | H. Keith Miller, Esq. | Registration No. Attorney/Agent | 22,484          |
| Signature         |                       | Telephone                       | 248-641-1600    |
|                   |                       | Date                            | August 29, 2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

08/29/01

jct72 U.S. PTO

Please type a plus sign (+) inside the box → ☒

08-30-01

PTO/SB/05 (11-00)

Approved through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 4041J-000406

First Inventor Hitoshi KUNO et al

Title Method For Preventing Contamination Of Heat Exchanger And Heat Exchanger Using This Method

Express Mail Label No. EL 835 743 323 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]  
5. Oath or Declaration [Total Pages ]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_ /

Prior application information: Examiner \_\_\_\_

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

27572

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

|         |                                  |           |              |          |              |
|---------|----------------------------------|-----------|--------------|----------|--------------|
| Name    | Harness, Dickey & Pierce, P.L.C. |           |              |          |              |
| Address | P.O. Box 828                     |           |              |          |              |
| City    | Bloomfield Hills                 | State     | MI           | Zip Code | 48303        |
| Country | United States of America         | Telephone | 248-641-1600 | Fax      | 248-641-0270 |

|                   |                       |                                   |                 |
|-------------------|-----------------------|-----------------------------------|-----------------|
| Name (Print/Type) | H. Keith Miller, Esq. | Registration No. (Attorney/Agent) | 22,484          |
| Signature         |                       | Date                              | August 29, 2001 |

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